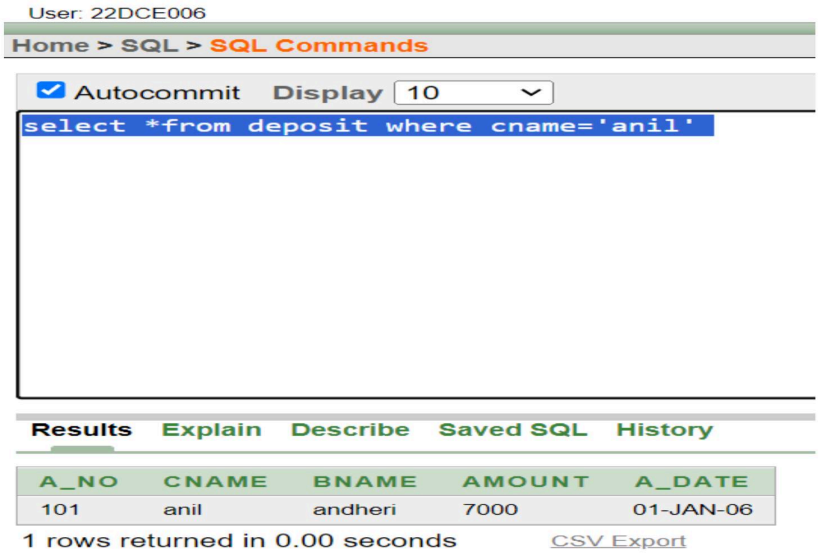
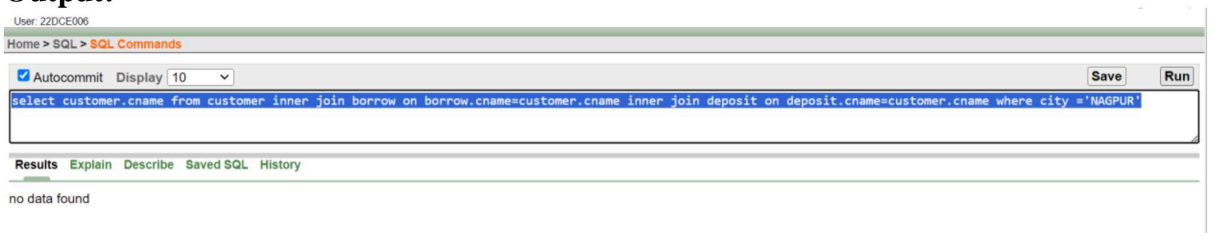
Practical 5

Aim: Displaying data from Multiple Tables (join)

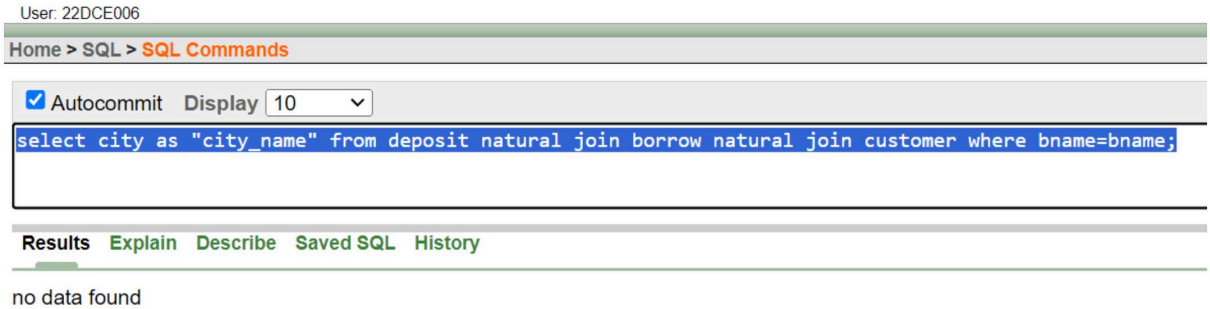
(1) Give details of customers ANIL.
Query : select *from deposit where cname='anil'
Output:



(2) Give name of customer who are borrowers and depositors and having living city nagpur
Query : select customer.cname from customer inner join borrow on borrow.cname=customer.cname inner join deposit on deposit.cname=customer.cname where city ='NAGPUR'
Output:



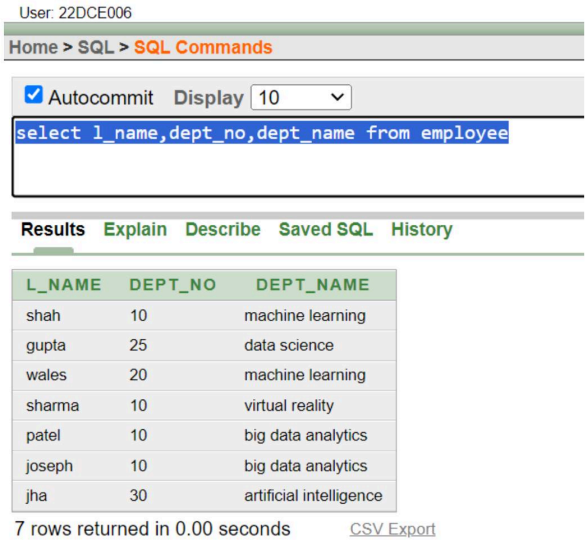
(3) Give city as their city name of customers having same living branch.
Query : select city as "city_name" from deposit natural join borrow natural join customer where bname=bname;
Output:



(4) Write a query to display the last name, department number, and department name for all employees.

Query : select l_name,dept_no,dept_name from employee

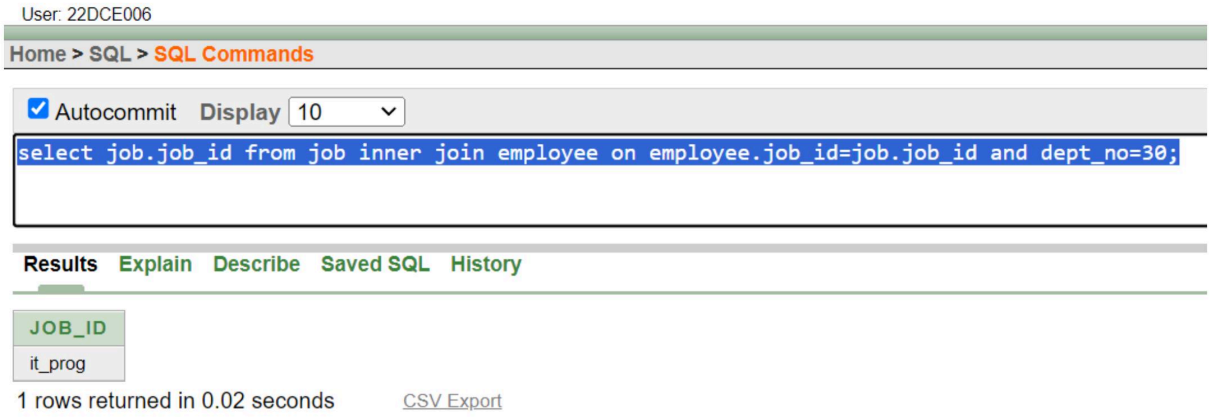
Output:



(5) Create a unique listing of all jobs that are in department 30. Include the location of the department in the output

Query : select job.job_id from job inner join employee on employee.job_id=job.job_id and dept_no=30

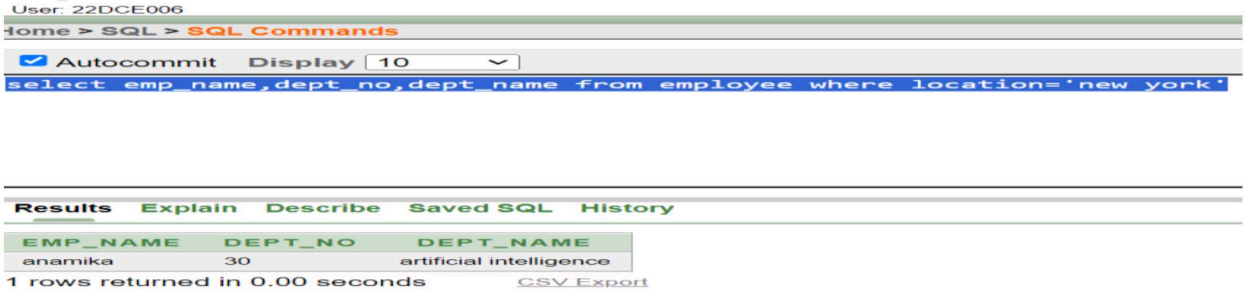
Output:



(6) Write a query to display the employee's name, department number, and department name for all employees who work in NEW YORK.

Query : select emp_name,dept_no,dept_name from employee where location='new york'

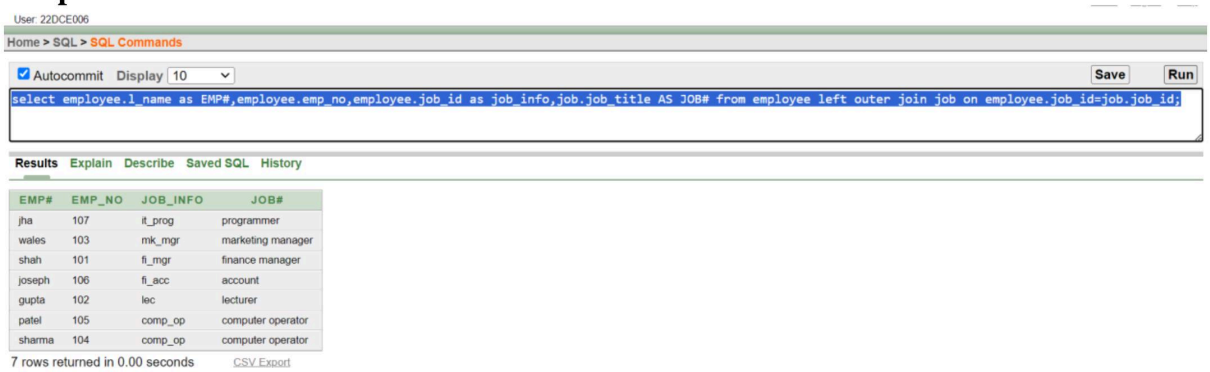
Output:



(7) Display the employee's last name and employee number along with their manager's last name and manager number. Label the columns Employee, Emp#, Manager, and Mgr#, respectively.

Query : select employee.l_name as EMP#,employee.emp_no,employee.job_id as job_info,job.job_title AS JOB# from employee left outer join job on employee.job_id=job.job_id;

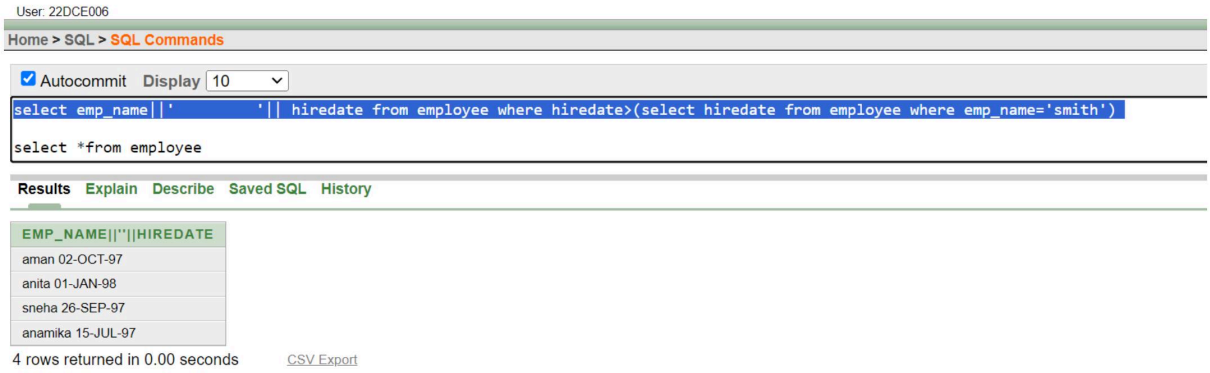
Output:



(8) Create a query to display the name and hire date of any employee hired after employee "smith".

Query : select emp_name||' '|| hiredate from employee where hiredate>(select hiredate from employee where emp_name='smith')

Output:



Conclusion: From this practical I learned about different SQL commands that can be used for data manipulation and join SQL functions which are useful for getting output by combining multiple tables.

Staff Signature:

Grade:

Remarks by the Staff: